

GREEN POWER News

WAPA's Renewable Resources Program covering
green power, reports, studies and funding

WESTERN AREA POWER ADMINISTRATION

Welcome to the *Green Power News Update*. This is a summary of the stories that ran during **October 2017**. New stories are added throughout the month to make sure you always know what is happening in our fast-changing industry. Check back often to see what's new!

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[In this issue:](#)

Green Power

- Staff Workshop Demonstrates Energy Storage Benefit Tool
- REopt Lite: Sizing Solar+Storage for Savings and Resiliency with NREL's New Tool
- Hydro Newsletter - Volume 4, Issue 11
- Nonprofit balances wind development, wildlife protection

Reports and Studies

- Webinar on 2016 Green-e Verification Report now online
- CAISO issues renewables report
- U.S. Job Creation in Offshore Wind
- Report explores issues surrounding value-added electricity services
- Realtors' sustainability report available online
- NOAA map gives state-by-state climate information

Funding

- Current Federal Funding Opportunities

Green Power

Staff Workshop Demonstrates Energy Storage Benefit Tool

The California Energy Commission provided a public demonstration of its new energy storage valuation software (StorageVETTM) on Nov. 2. The workshop allowed participants to observe tool functionality, ask questions about the tool, and obtain instructions on how to request assistance when using the tool. The StorageVETTM tool was developed by Electric Power Research Institute (EPRI) with funding support from the Energy Commission under a previous EPIC Grant Funding Opportunity.

Source: California Energy Commission, 11/3/17

REopt Lite: Sizing Solar+Storage for Savings and Resiliency with NREL's New Tool

In this webinar, presenters from the National Renewable Energy Lab (NREL) introduced the beta version of the lab's new solar+storage web tool, REopt Lite. This free tool is designed to help building owners and planners quickly and easily evaluate the economics of solar PV and battery storage for their sites. It identifies the optimal PV and battery system sizing to minimize costs and maximize lifetime energy savings. The tool can also be used to size solar+storage systems to support a site's critical loads during a grid outage.

REopt Lite is an online version of NREL's more comprehensive REopt model, which has been used by analysts to evaluate renewable energy opportunities at more than 10,000 sites, supporting decisions leading to more than 260 megawatts of renewable energy development.

Source: Clean Energy Group, 11/2/17

Hydro Newsletter - Volume 4, Issue 11

- FERC Revises License Term Policy for Hydropower Projects
- Senate Confirmation of FERC Commissioner Nominees Stalled
- Legislative Update
- FERC Reaffirms Lack of Jurisdiction to Authorize Small Conduit Hydroelectric Projects at Reclamation Facilities
- Parties Seek Rehearing of FERC Order in Gas Pipeline Case Waiving CWA 401 Authority
- EPA Proposes to Repeal Clean Power Plan

Source: Van Ness Feldman, 10/31/17

Nonprofit balances wind development, wildlife protection

The American Wind and Wildlife Institute facilitates timely and responsible development of wind energy while protecting wildlife and wildlife habitat. The groundbreaking non-profit

organization is based on wide collaboration with all who hold a stake in the success of wind energy and the protection of wildlife and habitat. By working together, we can move toward a common goal.

AWWI solves wind-wildlife issues through:

- Technological innovations
- Science for policy and practice
- Information exchange

Source: American Wind and Wildlife Institute, 11/1/17

Find more [publications and webinars](#).

Reports and Studies

Webinar on 2016 Green-e Verification Report now online

The Green-e staff reviewed the results of the 2016 Green-e Verification Report, which was released on October 23rd. This webinar covered how the Green-e programs performed throughout last year and looked at trends in the voluntary renewable energy markets, including generation trends, renewable energy certificate and green pricing programs, and community choice and direct corporate purchases.

Source: Center for Resource Solutions, 11/15/17

CAISO issues renewables report

Our renewables reports provide important information about actual renewable energy within the ISO grid as California moves towards a 33 percent renewable generation portfolio. The reports use raw data and are not intended to be used as the basis for operational or financial decisions.

Source: California Independent System Operators, 11/15/17

U.S. Job Creation in Offshore Wind

This report quantifies the job impacts of offshore wind development and specifies the types of jobs to be created. A high market scenario of 8,000 megawatts by 2030 would yield a peak of over 16,000 full-time equivalent (FTE) baseline jobs in the U.S. in 2028, with baseline jobs being ones for which there are no compelling reasons why the work would not be performed by U.S. workers. The jobs most likely to be performed in the U.S. include project development and management, supply and installation of electrical substations and subsea cable, and wind farm operation and maintenance.

Source: Northeast Wind Resource Center, 11/2/17

Report explores issues surrounding value-added electricity services

New energy generation, storage, delivery, and end-use technologies support a broad range of value-added electricity services for retail electricity customers. Sophisticated energy management services, distributed generation coupled with storage, and electric vehicle charging are just a few examples of emerging offerings.

Who should provide value-added services — utilities or third parties, or both, and under what conditions? What policy and regulatory changes may be needed to promote competition and innovation, to account for utility costs to enable these services, and to protect consumers? Value-Added Electricity Services: New Roles for Utilities and Third-Party Providers approaches the issues from three perspectives: utilities, third-party service providers, and consumers.

Source: Lawrence Berkeley Laboratory, 10/30/17

Realtors' sustainability report available online

In order to position NAR as a leader in real estate sustainability topics with REALTORS®, brokers, allied trade associations, and consumers, the REALTOR® Sustainability program efforts focus on coordination and articulation of new and existing association benefits and resources. Identifying the growth of sustainability in real estate, this program conducts outreach to members, appropriate trade associations and agencies to raise awareness and engagement in NAR sustainability efforts. Additionally, it identifies resources that would benefit all members. Finally, this program introduces corporate social responsibility and triple bottom line concepts into NAR's decision-making practices, allowing NAR to educate and support sustainability in real estate through environmental, social, and economic contexts.

Source: National Association of Realtors, 9/1/17

NOAA map gives state-by-state climate information

These state summaries were produced to meet a demand for state-level information in the wake of the Third U.S. National Climate Assessment, released in 2014. The summaries cover assessment topics directly related to NOAA's mission, specifically historical climate variations and trends, future climate model projections of climate conditions during the 21st century, and past and future conditions of sea level and coastal flooding. Additional background information and links are given below.

Source: National Oceanic and Atmospheric Administration, 11/1/17

Find more [publications and webinars](#).

Funding

Current Federal Funding Opportunities

Van Ness Feldman has helped clients secure nearly \$3 billion in federal funding for projects in recent years. For more information on this funding opportunity update, or the firm's

capabilities in this area, please contact **Shannon Angielski , Tracy Nagelbush** or any member of the firm's **Federal Funding Practice** at 202.298.1800. To sign up to receive these e-mails on a weekly basis, e-mail **vnf@vnf.com** with "FFO Subscribe" in the subject line.

Source: Van Ness Feldman, 11/15/17

Find more [funding sources](#).